

**TABLE 8: TOP MAJOR PROJECTS BY TYPE**

	Number of Projects	COS Phase 0. Proj Approval & Environ Docs	COS Phase 1. Plan, Spec & Estimate	COS Phase 2. ROW Support & Engin.	COS Phase 3. Const Mgmt & Engineering	Phase 2 as % of ROW Capital	Phase 0, 1, & 3 as % of Const. Capital	All Phases as % of Total Capital
<b>QE (Widen freeway*) &amp; QF (Modify ramps or interchanges^)</b>	63	32,198,355	95,902,520	11,937,633	152,281,369	15.66%	29.40%	28.38%
COS PHASE AS PERCENTAGE OF TOTAL COS		11.01%	32.81%	4.08%	52.09%			
COS PHASE AS PERCENTAGE OF TOTAL CAPITAL		3.13%	9.31%	1.16%	14.79%			
<b>FC (Construct freeway)</b>	17	5,716,023	67,223,407	45,293,990	78,958,298	44.00%	19.93%	22.80%
COS PHASE AS PERCENTAGE OF TOTAL COS		2.90%	34.09%	22.97%	40.04%			
COS PHASE AS PERCENTAGE OF TOTAL CAPITAL		0.66%	7.77%	5.24%	9.13%			
<b>FM (Staged construction*)</b>	6	1,662,850	23,094,197	18,263,646	17,676,993	0	7.36%	10.53%
COS PHASE AS PERCENTAGE OF TOTAL COS		2.74%	38.05%	30.09%	29.12%			
COS PHASE AS PERCENTAGE OF TOTAL CAPITAL		0.29%	4.01%	3.17%	3.07%			
<b>GD (Storm/Earthquake damage*)</b>	83	1,517,386	38,372,373	2,270,201	42,863,305	9.61%	20.98%	20.34%
COS PHASE AS PERCENTAGE OF TOTAL COS		1.78%	45.13%	2.67%	50.41%			
COS PHASE AS PERCENTAGE OF TOTAL CAPITAL		0.36%	9.18%	0.54%	10.25%			
<b>FH (Construct freeway to freeway interchange)</b>	3	2,473,113	20,564,897	13,591,927	21,594,379	622.21%	13.48%	17.47%
COS PHASE AS PERCENTAGE OF TOTAL COS		4.25%	35.32%	23.34%	37.09%			
COS PHASE AS PERCENTAGE OF TOTAL CAPITAL		0.74%	6.17%	4.08%	6.48%			
<b>FD (Cnst interchange, overxing, grade separation, overhead or underxing)</b>	17	4,856,772	30,001,804	16,055,051	26,108,274	148.63%	20.30%	24.76%
COS PHASE AS PERCENTAGE OF TOTAL COS		6.31%	38.95%	20.84%	33.90%			
COS PHASE AS PERCENTAGE OF TOTAL CAPITAL		1.56%	9.64%	5.16%	8.39%			
<b>BP (Seismic retrofit phase 3)</b>	159	2,447,946	46,362,026	502,707	42,366,219	24.74%	30.58%	30.54%
COS PHASE AS PERCENTAGE OF TOTAL COS		2.67%	50.57%	0.55%	46.21%			
COS PHASE AS PERCENTAGE OF TOTAL CAPITAL		0.82%	15.44%	0.17%	14.11%			
<b>BE (Seismic retrofit phase 2) &amp; BF (Rehabilitate structure)</b>	148	4,822,827	39,328,226	552,993	43,301,720	11.98%	33.19%	32.83%
COS PHASE AS PERCENTAGE OF TOTAL COS		5.48%	44.69%	0.63%	49.20%			
COS PHASE AS PERCENTAGE OF TOTAL CAPITAL		1.80%	14.67%	0.21%	16.15%			
<b>QH (Modify ramps or interchanges*)</b>	19	7,543,159	24,486,494	3,364,283	28,973,036	7.23%	30.33%	25.99%
COS PHASE AS PERCENTAGE OF TOTAL COS		11.72%	38.04%	5.23%	45.01%			
COS PHASE AS PERCENTAGE OF TOTAL CAPITAL		3.05%	9.89%	1.36%	11.70%			
<b>PE (Rehabilitation*)</b>	62	5,290,642	24,039,427	3,056,811	34,989,736	211.27%	26.55%	27.65%
COS PHASE AS PERCENTAGE OF TOTAL COS		7.85%	35.68%	4.54%	51.93%			
COS PHASE AS PERCENTAGE OF TOTAL CAPITAL		2.17%	9.86%	1.25%	14.36%			
<b>CM (Thick blanket)</b>	79	3,696,547	11,345,777	820,712	22,670,458	991.31%	18.36%	18.75%
COS PHASE AS PERCENTAGE OF TOTAL COS		9.59%	29.44%	2.13%	58.83%			
COS PHASE AS PERCENTAGE OF TOTAL CAPITAL		1.80%	5.52%	0.40%	11.03%			

\*=with stice \$

^=with out stice \$

**TABLE 8: TOP MAJOR PROJECTS BY TYPE continued**

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<b>FG (Convert highway or expressway to freeway)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	6	4,421,736 8.66% 2.19%	17,100,568 33.47% 8.47%	7,723,810 15.12% 3.82%	21,839,990 42.75% 10.81%	10.69%	33.41%	25.29%
<b>BG (Bridge replacement)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	56	11,128,477 16.93% 7.16%	24,143,233 36.74% 15.54%	3,945,954 6.00% 2.54%	26,501,897 40.33% 17.06%	113.83%	40.67%	42.30%
<b>QB (Widen highway or expressway*)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	13	7,200,786 14.00% 4.91%	14,237,091 27.67% 9.71%	9,372,419 18.22% 6.39%	20,634,943 40.11% 14.08%	64.20%	31.87%	35.09%
<b>BN (New facilities)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	6	981,257 3.33% 0.68%	11,617,378 39.44% 8.02%	6,779,747 23.02% 4.68%	10,077,033 34.21% 6.95%	63.75%	16.89%	20.33%
<b>PA (Rehabilitate conventional highway "AC")</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	69	5,655,705 14.00% 4.72%	16,877,246 41.79% 14.08%	1,717,454 4.25% 1.43%	16,136,967 39.96% 13.46%	97.18%	32.75%	33.70%
<b>FB (Construct conventional highway/expressway*)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	7	4,558,160 12.71% 4.32%	12,087,333 33.71% 11.45%	6,910,679 19.28% 6.54%	12,296,042 34.30% 11.64%	23.32%	38.10%	33.95%
<b>NA (Soundwall)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	53	7,611,856 18.32% 7.91%	14,217,998 34.23% 14.77%	1,004,674 2.42% 1.04%	18,703,601 45.03% 19.43%	208.45%	42.32%	43.15%
<b>PB (Rehabilitate expressway/freeway "AC")</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	31	1,593,659 8.26% 1.86%	7,648,002 39.63% 8.92%	369,504 1.91% 0.43%	9,688,279 50.20% 11.31%	132.02%	22.16%	22.52%
<b>QC (Widen shoulder or lane ^)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	38	5,646,225 15.64% 6.97%	12,472,982 34.54% 15.40%	6,117,356 16.94% 7.55%	11,874,572 32.88% 14.66%	71.71%	41.38%	44.58%
<b>BJ (Widen bridge)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	19	1,546,489 8.19% 2.04%	6,171,129 32.67% 8.15%	206,201 1.09% 0.27%	10,967,829 58.06% 14.49%	169.43%	24.73%	24.96%
<b>CC (Resurfacing*)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	24	1,593,452 7.97% 2.14%	7,143,370 35.71% 9.58%	766,625 3.83% 1.03%	10,501,767 52.50% 14.09%	529.48%	25.86%	26.84%
<b>GA (Slide or slipout correction)</b> COS PHASE AS PERCENTAGE OF TOTAL COS	48	421,197 3.55%	5,037,953 42.44%	391,060 3.29%	6,020,096 50.72%	69.42%	19.28%	19.75%

\*=With state \$      ^=With out state \$

COS PHASE AS PERCENTAGE OF TOTAL CAPITAL		0.70%	8.38%	0.65%	10.02%			
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**TABLE 8: TOP MAJOR PROJECTS BY TYPE continued**

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<b>QI (Widen shoulder or lane*)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	11	1,845,257 10.30% 3.52%	6,395,669 35.71% 12.21%	1,695,547 9.47% 3.24%	7,975,960 44.53% 15.23%	140.86%	31.70%	34.21%
<b>DE (Realignment*)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	13	4,833,131 20.26% 9.59%	6,793,860 28.48% 13.48%	3,153,007 13.22% 6.25%	9,075,406 38.04% 18.00%	59.31%	45.91%	47.32%
<b>LC (Restore highway planting)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	44	1,136,941 8.09% 3.97%	6,077,993 43.26% 21.24%	137,008 0.98% 0.48%	6,787,270 48.31% 23.72%	81.78%	49.21%	49.09%
<b>KA (Construct or modify concrete barrier)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	41	1,406,457 16.54% 4.99%	4,316,460 50.78% 15.33%	3,782 0.04% 0.01%	2,774,127 32.63% 9.85%	0.00%	30.17%	30.18%
<b>GB (Replace highway-storm damage/earthquake)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	30	298,546 4.27% 0.81%	3,173,759 45.38% 8.62%	204,476 2.92% 0.56%	3,317,166 47.43% 9.00%	40.81%	18.68%	18.99%
<b>LA (Highway planting)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	29	462,395 4.75% 1.88%	3,674,374 37.73% 14.90%	737,006 7.57% 2.99%	4,863,689 49.95% 19.73%	71.94%	38.09%	39.49%
<b>KH (Modify/install guard/bridge approach railing)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	25	1,046,639 16.74% 4.43%	2,402,445 38.42% 10.17%	17,469 0.28% 0.07%	2,786,883 44.57% 11.80%	1164.60%	26.40%	26.47%
<b>PD (Rehabilitate PCC pavement)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	23	1,519,145 17.19% 3.77%	2,945,519 33.33% 7.32%	51,876 0.59% 0.13%	4,319,952 48.89% 10.73%	182.66%	21.84%	21.96%
<b>KP (Modify or install signs and lighting)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	21	156,869 2.20% 0.99%	2,863,365 40.22% 18.06%	41,843 0.59% 0.26%	4,057,230 56.99% 25.59%	1859.69%	44.65%	44.91%
<b>BA (Modify or install bridge railing)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	19	255,409 4.22% 1.55%	2,803,183 46.29% 17.02%	- 0.00% 0.00%	2,997,529 49.50% 18.20%	0.00%	36.77%	36.77%
<b>LB (Irrigation system)</b> COS PHASE AS PERCENTAGE OF TOTAL COS COS PHASE AS PERCENTAGE OF TOTAL CAPITAL	19	503,902 9.25% 4.55%	2,198,921 9.25% 4.55%	- 0.00% 0.00%	2,744,136 50.38% 24.78%	0.00%	49.20%	49.20%
<b>DB (Curve correction)</b> COS PHASE AS PERCENTAGE OF TOTAL COS	18	3,096,904 22.65%	4,359,614 31.89%	2,584,346 18.90%	3,629,770 26.55%	62.02%	55.55%	56.67%

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COS PHASE AS PERCENTAGE OF TOTAL CAPITAL		12.84%	18.07%	10.71%	15.05%			
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